



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 11751429  
SAU: Westbrook School Department  
School: Fred C Wescott School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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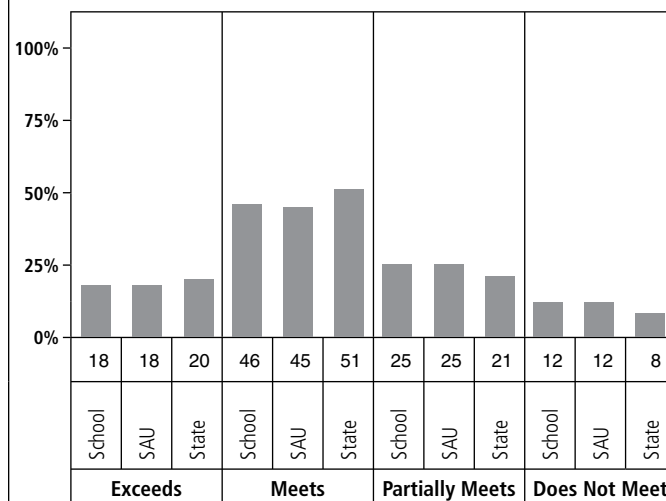
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 8  
SAU: Westbrook School Department  
School: Fred C Wescott School

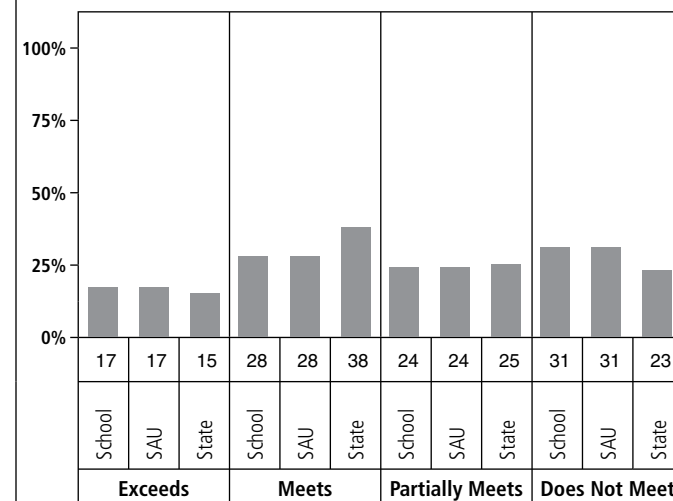
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	843	843	847
2007–2008	847	847	849
<b>2008–2009</b>	<b>847</b>	<b>846</b>	<b>850</b>
Cum. Avg.*	845	845	849
<b>Mathematics</b>			
2006–2007	837	837	842
2007–2008	838	838	841
<b>2008–2009</b>	<b>841</b>	<b>841</b>	<b>843</b>
Cum. Avg.*	839	839	842
<b>Science</b>			
<b>2008–2009 **</b>	<b>843</b>	<b>843</b>	<b>846</b>

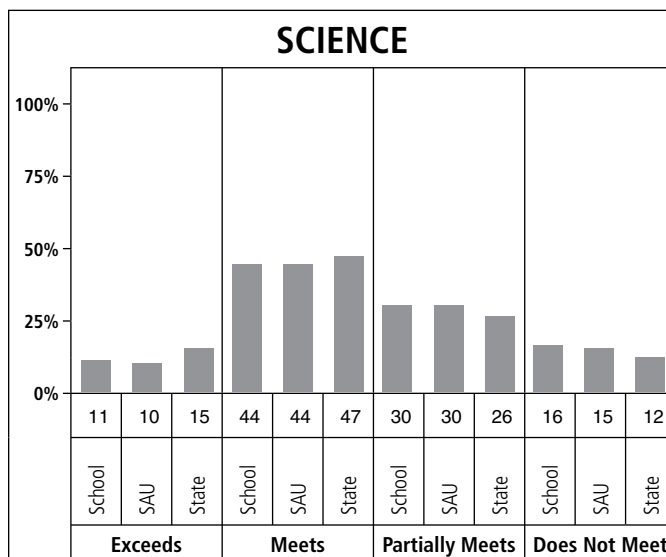
## ELA – READING



## MATHEMATICS



## SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 8  
SAU: Westbrook School Department  
School: Fred C Wescott School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
<b>Total number of students</b>	183	100	184	100	14804	100	182	99	183	99	14659	99	182	99	183	99	14653	99	182	99	183	99	14626	99
<b>Ethnicity</b> African American/Black	6	3	6	3	377	3	6	100	6	100	366	97	6	100	6	100	371	98	6	100	6	100	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	3	2	3	2	238	2	3	100	3	100	232	97	3	100	3	100	234	98	3	100	3	100	234	98
Hispanic	7	4	7	4	192	1	7	100	7	100	188	98	7	100	7	100	191	100	7	100	7	100	190	99
Caucasian/White	167	91	168	91	13878	94	166	99	167	99	13756	99	166	99	167	99	13742	99	166	99	167	99	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	36	20	37	20	2489	17	35	97	36	97	2434	99	35	97	36	97	2424	98	35	97	36	97	2418	98
<b>Current LEP</b>	3	2	3	2	349	2	3	100	3	100	331	95	3	100	3	100	342	98	3	100	3	100	338	97
<b>Economically disadvantaged</b>	81	44	82	45	5460	37	81	100	82	100	5380	99	81	100	82	100	5377	99	81	100	82	100	5359	98
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
<b>Participation without accommodations</b>	144	79	144	78	12132	82	144	79	144	78	12124	82	144	79	144	78	12169	82
Identified disability (PET/IEP)	3	2	3	2	379	3	3	2	3	2	380	3	3	2	3	2	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	5	3	5	3	200	2	5	3	5	3	200	2	5	3	5	3	202	2
<b>Participation with accommodations</b>	36	20	37	20	2349	16	36	20	37	20	2347	16	36	20	37	20	2288	15
Identified disability (PET/IEP)	30	83	31	84	1877	80	30	83	31	84	1862	79	30	83	31	84	1824	80
LEP	3	8	3	8	158	7	3	8	3	8	167	7	3	8	3	8	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	4	11	4	11	292	12	4	11	4	11	297	13	4	11	4	11	280	12
<b>Participation through alternate assessment (PAAP)</b>	2	1	2	1	178	1	2	1	2	1	182	1	2	1	2	1	169	1
Identified disability (PET/IEP)	2	100	2	100	178	100	2	100	2	100	182	100	2	100	2	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
<b>Non-participation – other</b>	1	1	1	1	113	1	1	1	1	1	117	1	1	1	1	1	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Westbrook School Department  
School: Fred C Wescott School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	16	7	16	7	2407	16
	2007-2008	20	12	20	12	3428	23
	<b>2008-2009</b>	<b>32</b>	<b>18</b>	<b>32</b>	<b>18</b>	<b>2857</b>	<b>20</b>
	Cum. Total*	68	12	68	12	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	96	45	96	44	7494	49
	2007-2008	90	55	90	55	7179	48
	<b>2008-2009</b>	<b>82</b>	<b>46</b>	<b>82</b>	<b>45</b>	<b>7431</b>	<b>51</b>
	Cum. Total*	268	48	268	48	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	72	33	73	34	3628	24
	2007-2008	37	22	37	22	2706	18
	<b>2008-2009</b>	<b>45</b>	<b>25</b>	<b>46</b>	<b>25</b>	<b>2979</b>	<b>21</b>
	Cum. Total*	154	28	156	28	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	31	14	31	14	1810	12
	2007-2008	18	11	18	11	1611	11
	<b>2008-2009</b>	<b>21</b>	<b>12</b>	<b>21</b>	<b>12</b>	<b>1214</b>	<b>8</b>
	Cum. Total*	70	13	70	12	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	33.3	59.5	33.3	59.5	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.6	58.0	11.6	58.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.7	60.3	21.7	60.3	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Westbrook School Department  
 School: Fred C Wescott School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	180	32	18	82	46	45	25	21	12	847	181	18	45	25	12	846	14481	20	51	21	8	850
Ethnicity																						
African American/Black	6	0	0	2	33	2	33	2	33	835	6	0	33	33	33	835	362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	3										3						231	28	43	19	10	851
Hispanic	7	1	14	4	57	1	14	1	14	847	7	14	57	14	14	847	186	17	48	23	12	847
Caucasian/White	164	30	18	74	45	42	26	18	11	847	165	18	45	26	11	847	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	33	0	0	6	18	9	27	18	55	827	34	0	18	29	53	827	2256	2	25	40	34	834
No	147	32	22	76	52	36	24	3	2	851	147	22	52	24	2	851	12225	23	56	17	4	853
Current LEP																						
Yes	3										3						324	5	34	36	26	838
No	177	32	18	80	45	44	25	21	12	847	178	18	45	25	12	847	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	81	10	12	30	37	26	32	15	19	841	82	12	37	33	18	841	5277	10	46	29	15	844
No	99	22	22	52	53	19	19	6	6	851	99	22	53	19	6	851	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	180	32	18	82	46	45	25	21	12	847	181	18	45	25	12	846	14476	20	51	21	8	850
Gender																						
Female	80	21	26	36	45	18	23	5	6	851	80	26	45	23	6	851	7074	25	51	18	6	852
Male	100	11	11	46	46	27	27	16	16	843	101	11	46	28	16	843	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	180	32	18	82	46	45	25	21	12	847	181	18	45	25	12	846	13624	20	52	20	8	850
Gifted/talented program																						
Yes	15	12	80	3	20	0	0	0	0	868	15	80	20	0	0	868	700	69	30	1	0	867
No	165	20	12	79	48	45	27	21	13	845	166	12	48	28	13	845	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: Westbrook School Department  
School: Fred C Wescott School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	11	0	0	4	21	7	37	8	42	829	11	0	21	37	42	829	8	8	39	29	24	841
B. less than one hour	35	9	14	31	49	17	27	6	10	846	36	14	48	28	9	846	51	17	53	22	8	849
C. one to two hours	47	21	25	40	47	19	22	5	6	850	47	25	47	22	6	850	36	24	52	18	5	852
D. more than two hours	7	2	17	7	58	1	8	2	17	848	7	17	58	8	17	848	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	31	22	40	25	45	3	5	5	9	855	31	40	45	5	9	855	31	35	50	11	4	856
B. good	48	10	12	45	53	21	25	9	11	846	47	12	53	25	11	846	47	16	55	21	7	849
C. fair	20	0	0	12	33	18	50	6	17	838	21	0	32	51	16	838	18	5	47	33	15	842
D. poor	1	0	0	0	0	2	100	0	0	839	1	0	0	100	0	839	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	32	13	23	31	54	9	16	4	7	852	32	23	54	16	7	852	32	27	54	14	5	853
B. They match some of what I have learned.	52	16	17	40	43	26	28	11	12	846	52	17	43	28	12	846	52	18	53	22	8	850
C. They match just a little of what I have learned.	12	3	14	8	36	7	32	4	18	840	13	13	35	35	17	840	12	11	45	29	15	844
D. There is no match.	4	0	0	3	43	2	29	2	29	837	4	0	43	29	29	837	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	17	2	7	13	43	8	27	7	23	840	17	7	43	27	23	840	15	13	42	28	17	844
B. about the same as my regular schoolwork	58	19	18	48	47	26	25	10	10	847	58	18	47	25	10	847	64	19	53	20	7	850
C. easier than my regular schoolwork	25	11	24	21	47	10	22	3	7	850	26	24	46	24	7	849	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	9	1	6	1	6	6	38	8	50	829	9	6	6	38	50	829	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	59	11	11	52	51	32	31	7	7	846	59	11	50	32	7	846	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	32	20	36	29	53	5	9	1	2	856	32	36	53	9	2	856	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	36	15	23	29	45	13	20	7	11	848	36	23	45	22	11	847	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	56	16	16	45	45	27	27	11	11	846	55	16	45	27	11	846	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	8	1	7	8	53	4	27	2	13	846	8	7	53	27	13	846	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	12	7	32	11	50	3	14	1	5	853	13	30	48	17	4	852	19	26	53	15	6	853
B. 20 minutes to an hour	47	19	22	43	51	18	21	5	6	850	47	22	51	21	6	850	40	25	52	17	6	852
C. less than 20 minutes	14	3	12	11	44	7	28	4	16	844	14	12	44	28	16	844	15	18	51	21	10	849
D. I rarely read at home.	26	3	6	17	36	16	34	11	23	839	26	6	36	34	23	839	26	7	50	30	13	844
How do you feel about the following statement?																						
“My knowledge of reading will be useful to me as an adult.”																						
A. strongly agree	42	19	25	37	49	16	21	4	5	851	43	25	48	22	5	851	42	27	51	15	6	853
B. agree	53	12	13	43	45	27	28	13	14	844	53	13	45	28	14	844	50	15	53	23	9	848
C. disagree	3	1	17	1	17	0	0	4	67	833	3	17	17	0	67	833	7	8	46	32	14	843
D. strongly disagree	1	0	0	1	50	1	50	0	0	844	1	0	50	50	0	844	2	6	39	35	21	840
Optional school/SAU question																						
A.	33	0	0	0	0	0	0	2	100	814	33	0	0	0	100	814						
B.	67	0	0	2	50	1	25	1	25	840	67	0	50	25	25	840						
C.	0										0											
D.	0										0											

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Westbrook School Department  
School: Fred C Wescott School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	14	7	14	6	1952	13
	2007-2008	10	6	10	6	1657	11
	<b>2008-2009</b>	<b>30</b>	<b>17</b>	<b>30</b>	<b>17</b>	<b>2116</b>	<b>15</b>
	Cum. Total*	54	10	54	10	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	81	38	81	38	5870	38
	2007-2008	63	38	63	38	5956	40
	<b>2008-2009</b>	<b>50</b>	<b>28</b>	<b>50</b>	<b>28</b>	<b>5443</b>	<b>38</b>
	Cum. Total*	194	35	194	35	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	57	27	57	26	3982	26
	2007-2008	52	32	52	32	3729	25
	<b>2008-2009</b>	<b>44</b>	<b>24</b>	<b>44</b>	<b>24</b>	<b>3556</b>	<b>25</b>
	Cum. Total*	153	27	153	27	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	63	29	64	30	3534	23
	2007-2008	40	24	40	24	3579	24
	<b>2008-2009</b>	<b>56</b>	<b>31</b>	<b>57</b>	<b>31</b>	<b>3356</b>	<b>23</b>
	Cum. Total*	159	28	161	29	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	27.5	49.1	27.5	49.1	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	3.3	41.3	3.3	41.3	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	8.9	55.6	8.9	55.6	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	4.8	40.0	4.8	40.0	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	10.5	52.5	10.5	52.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Westbrook School Department  
 School: Fred C Wescott School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	180	30	17	50	28	44	24	56	31	841	181	17	28	24	31	841	14471	15	38	25	23	843
<b>Ethnicity</b>																						
African American/Black	6	0	0	0	0	2	33	4	67	822	6	0	0	33	67	822	367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	3										3						233	27	33	20	21	847
Hispanic	7	1	14	2	29	2	29	2	29	837	7	14	29	29	29	837	190	8	31	26	34	836
Caucasian/White	164	28	17	48	29	38	23	50	30	841	165	17	29	23	31	841	13567	15	38	25	22	843
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	33	0	0	4	12	5	15	24	73	820	34	0	12	15	74	820	2242	2	12	22	63	824
No	147	30	20	46	31	39	27	32	22	845	147	20	31	27	22	845	12229	17	42	25	16	846
<b>Current LEP</b>																						
Yes	3										3						336	6	18	26	51	829
No	177	30	17	49	28	44	25	54	31	841	178	17	28	25	31	841	14135	15	38	25	23	843
<b>Economically disadvantaged</b>																						
Yes	81	8	10	13	16	19	23	41	51	832	82	10	16	23	51	832	5270	6	30	28	36	835
No	99	22	22	37	37	25	25	15	15	848	99	22	37	25	15	848	9201	20	42	22	16	847
<b>Migrant</b>																						
Yes	0										0						5	0	0	40	60	828
No	180	30	17	50	28	44	24	56	31	841	181	17	28	24	31	841	14466	15	38	25	23	843
<b>Gender</b>																						
Female	80	13	16	26	33	23	29	18	23	844	80	16	33	29	23	844	7070	15	39	25	22	843
Male	100	17	17	24	24	21	21	38	38	838	101	17	24	21	39	838	7401	14	36	25	25	842
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						857	5	25	33	37	835
No	180	30	17	50	28	44	24	56	31	841	181	17	28	24	31	841	13614	15	38	24	22	843
<b>Gifted/talented program</b>																						
Yes	15	15	100	0	0	0	0	0	0	877	15	100	0	0	0	877	700	68	27	3	1	866
No	165	15	9	50	30	44	27	56	34	837	166	9	30	27	34	837	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
 Grade: 8  
 SAU: Westbrook School Department  
 School: Fred C Wescott School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	11	1	5	3	16	1	5	14	74	822	11	5	16	5	74	822	8	8	24	24	44	833
B. less than one hour	35	4	6	21	33	18	29	20	32	838	36	6	33	28	33	838	51	12	38	26	23	842
C. one to two hours	47	22	26	23	27	22	26	18	21	846	47	26	27	26	21	846	36	19	40	23	19	845
D. more than two hours	7	3	25	3	25	3	25	3	25	847	7	25	25	25	25	847	5	19	36	22	23	844
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	31	19	34	17	30	7	13	13	23	850	31	34	30	13	23	850	28	33	41	15	11	852
B. good	39	10	14	26	38	19	28	14	20	843	39	14	37	27	21	843	45	11	43	25	21	842
C. fair	22	1	3	6	15	13	33	20	50	829	22	3	15	33	50	829	21	3	27	35	35	834
D. poor	7	0	0	1	8	4	31	8	62	826	7	0	8	31	62	826	5	2	14	30	54	828
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	21	15	41	6	16	7	19	9	24	849	21	41	16	19	24	849	28	23	41	21	15	848
B. They match some of what I have learned.	53	8	8	36	38	23	24	28	29	840	53	8	38	24	29	840	52	13	40	25	21	843
C. They match just a little of what I have learned.	21	5	13	8	21	10	26	15	39	835	22	13	21	26	41	835	16	8	28	30	34	836
D. There is no match.	4	2	25	0	0	3	38	3	38	836	4	25	0	38	38	836	4	5	15	22	58	826
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	32	1	2	19	34	15	27	21	38	834	32	2	33	26	39	834	32	6	34	29	32	837
B. about the same as my regular schoolwork	46	7	9	24	29	21	26	30	37	837	46	9	29	26	37	837	52	13	41	25	20	843
C. easier than my regular schoolwork	22	22	56	5	13	8	21	4	10	858	22	56	13	21	10	858	16	39	35	13	13	853
<b>How hard did you try on the mathematics part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	37	9	14	18	28	15	23	23	35	838	37	14	27	23	36	838	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	53	18	19	29	31	23	25	23	25	844	53	19	31	25	25	844	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	10	3	17	3	17	6	33	6	33	839	10	17	17	33	33	839	7	12	27	27	35	837
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	29	10	19	16	31	13	25	13	25	844	29	19	31	25	25	844	34	18	40	22	20	845
B. two or three days a week	36	15	23	22	34	14	22	13	20	846	36	23	34	22	20	846	35	14	38	26	21	843
C. two or three times each month	16	4	14	9	31	5	17	11	38	839	17	13	30	17	40	838	18	12	37	27	24	841
D. never or almost never	19	1	3	3	9	12	36	17	52	829	18	3	9	36	52	829	13	9	32	25	34	837
<b>How often do you use laptops in mathematics class?</b>																						
A. almost every day	4	4	57	0	0	1	14	2	29	857	4	57	0	14	29	857	9	13	38	23	26	841
B. two or three days a week	10	4	22	6	33	3	17	5	28	846	10	22	33	17	28	846	17	11	37	26	26	841
C. two or three times each month	32	6	10	22	38	18	31	12	21	843	32	10	38	31	21	843	28	15	40	25	20	844
D. never or almost never	54	16	17	22	23	22	23	36	38	837	54	16	23	23	38	837	46	16	36	24	23	843
<b>How do you feel about the following statement?</b> "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	54	18	19	29	30	25	26	24	25	844	54	19	30	26	26	844	52	19	41	22	18	846
B. agree	41	11	15	18	25	18	25	26	36	838	41	15	25	25	36	838	39	11	35	27	27	840
C. disagree	3	1	17	2	33	0	0	3	50	839	3	17	33	0	50	839	6	7	28	26	39	835
D. strongly disagree	2	0	0	1	33	1	33	1	33	828	2	0	33	33	33	828	3	4	25	28	43	832
<b>Optional school/SAU question</b>																						
A.	33	0	0	0	0	0	0	2	100	807	33	0	0	0	100	807						
B.	67	0	0	0	0	2	50	2	50	826	67	0	0	50	50	826						
C.	0										0											
D.	0										0											

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Westbrook School Department  
School: Fred C Wescott School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	19	11	19	10	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	79	44	79	44	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	54	30	55	30	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	28	16	28	15	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	30.4	54.3	30.4	54.3	32.0	57.1
<b>D. The Physical Setting</b>	31	55	17.0	54.8	16.9	54.5	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	9.0	52.9	9.0	52.9	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	8.0	57.1	8.0	57.1	7.7	55.0
<b>E. The Living Environment</b>	25	45	13.5	54.0	13.4	53.6	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Westbrook School Department  
 School: Fred C Wescott School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	180	19	11	79	44	54	30	28	16	843	181	10	44	30	15	843	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	6	0	0	2	33	1	17	3	50	830	6	0	33	17	50	830	360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	3										3						230	20	44	23	13	848
Hispanic	7	1	14	2	29	2	29	2	29	842	7	14	29	29	29	842	184	9	45	29	16	842
Caucasian/White	164	17	10	75	46	49	30	23	14	844	165	10	45	30	14	844	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	33	0	0	6	18	11	33	16	48	826	34	0	18	35	47	826	2221	3	22	36	38	832
No	147	19	13	73	50	43	29	12	8	847	147	13	50	29	8	847	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	3										3						331	4	20	39	37	832
No	177	19	11	79	45	52	29	27	15	844	178	11	44	30	15	844	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	81	4	5	30	37	26	32	21	26	837	82	5	37	33	26	837	5184	6	40	33	21	840
No	99	15	15	49	49	28	28	7	7	848	99	15	49	28	7	848	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	0										0						5	0	0	80	20	829
No	180	19	11	79	44	54	30	28	16	843	181	10	44	30	15	843	14258	15	47	26	12	846
<b>Gender</b>																						
Female	80	8	10	39	49	26	33	7	9	846	80	10	49	33	9	846	6953	14	47	28	11	846
Male	100	11	11	40	40	28	28	21	21	842	101	11	40	29	21	842	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						828	5	35	40	20	839
No	180	19	11	79	44	54	30	28	16	843	181	10	44	30	15	843	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	15	13	87	2	13	0	0	0	0	870	15	87	13	0	0	870	699	65	34	2	0	865
No	165	6	4	77	47	54	33	28	17	841	166	4	46	33	17	841	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: Westbrook School Department  
School: Fred C Wescott School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	11	1	5	4	21	4	21	10	53	828	11	5	21	21	53	828	8	8	34	28	30	837
B. less than one hour	35	4	6	26	41	21	33	12	19	841	36	6	41	34	19	841	51	14	48	27	11	846
C. one to two hours	47	13	15	40	47	27	32	5	6	848	47	15	47	32	6	848	36	19	48	24	9	848
D. more than two hours	7	1	8	9	75	1	8	1	8	848	7	8	75	8	8	848	5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	17	9	29	14	45	7	23	1	3	853	17	29	45	23	3	853	23	27	47	17	8	851
B. good	45	8	10	37	46	25	31	10	13	844	45	10	46	32	12	844	53	15	50	26	10	847
C. fair	33	2	3	26	44	18	31	13	22	839	33	3	44	31	22	839	20	4	43	35	18	840
D. poor	5	0	0	2	22	3	33	4	44	832	5	0	22	33	44	832	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	26	5	11	25	54	11	24	5	11	847	26	11	54	24	11	847	26	20	49	23	9	849
B. They match some of what I have learned.	54	7	7	48	49	25	26	17	18	843	54	7	49	26	18	843	51	14	48	26	11	846
C. They match just a little of what I have learned.	17	7	23	5	17	14	47	4	13	844	17	23	16	48	13	844	18	13	44	28	15	844
D. There is no match.	3	0	0	1	20	3	60	1	20	834	3	0	20	60	20	834	4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	29	5	10	20	39	21	41	5	10	844	29	10	39	41	10	844	32	13	45	28	14	844
B. about the same as my regular schoolwork	59	13	13	48	46	26	25	17	16	845	59	12	46	26	16	845	56	15	49	25	11	847
C. easier than my regular schoolwork	12	1	5	11	52	5	24	4	19	839	12	5	52	24	19	839	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	33	7	12	21	36	23	40	7	12	844	33	12	36	41	12	844	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	59	11	11	51	50	26	25	15	15	844	58	11	50	25	15	844	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	9	1	7	7	47	3	20	4	27	841	8	7	47	20	27	841	6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	25	5	12	15	35	16	37	7	16	842	25	12	35	37	16	842	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	25	3	7	26	62	7	17	6	14	846	25	7	62	17	14	846	23	17	49	22	12	847
C. the course(s) described in B, plus physics	22	9	24	14	38	12	32	2	5	849	22	24	37	34	5	849	21	31	44	17	7	852
D. a life science and physical science class	28	2	4	19	40	18	38	9	19	840	28	4	40	38	19	840	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	30	10	19	26	49	9	17	8	15	849	29	19	49	17	15	849	27	23	47	20	10	849
B. agree	34	2	3	25	42	24	40	9	15	841	33	3	42	40	15	841	37	14	47	27	12	846
C. disagree	23	5	12	17	41	11	27	8	20	842	23	12	40	29	19	842	25	11	48	29	12	845
D. strongly disagree	14	2	8	11	44	9	36	3	12	841	14	8	44	36	12	841	11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	31	8	15	26	47	12	22	9	16	845	31	15	47	22	16	845	31	22	46	22	10	849
B. agree	48	9	11	34	40	29	34	13	15	844	48	10	40	35	15	844	50	14	49	26	11	846
C. disagree	16	2	7	15	52	11	38	1	3	844	16	7	52	38	3	844	14	9	45	31	15	843
D. strongly disagree	5	0	0	3	33	1	11	5	56	830	5	0	33	11	56	830	5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	33	0	0	0	0	0	0	2	100	812	33	0	0	0	100	812						
B.	67	0	0	1	25	2	50	1	25	833	67	0	25	50	25	833						
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
N = Number